Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 12 Aug 2020 until 23:59 on Thursday 13 Aug 2020

Forecast Issued on Wednesday 12 Aug 2020 at 00:59

Confidence: High confidence in the overall trend, but low confidence in the detail of heavy showers and thunderstorms.

Headline for Wednesday 12 Aug 2020: Another hot, sunny and humid day with a risk of thunderstorms developing.

Mountain weather hazards on Wednesday 12 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
High Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny intervals	Sunny intervals	Heavy rain showers	Thundery showers	Heavy rain showers (night)
Precipitation probability					
<05%	20%	30%	40%	50%	40%

Forecast for Wednesday 12 Aug 2020

Weather: During the morning cloud will break allowing long sunny spells to develop. However, cloud will build again during the afternoon with a risk of heavy or thundery showers affecting the park. The risk of thundery showers will continue through the evening.

Chance of cloud free mountain/hill tops above 600m: Generally 100% throughout, but 30-40% chance in the morning, with cloud bases down to 300-400m on eastern peaks and summits. Occasionally down to 500-600m in heavy showers and thunderstorms during the afternoon and evening.

Visibility: Generally good or very good throughout. Poor in low cloud early morning. Moderate or poor in heavy showers and thunderstorms during the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved

Mountain Weather Forecast

Forecast for Wednesday 12 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/6 SE	4/6 E	7/10 E	7/10 E	10/16 E	13/19 E	14/20 NE
300	4/6 E	4/6 NW	5/8 NE	5/9 E	6/13 NE	9/18 E	9/17 NE
Valley	3/6 E	3/5 SW	4/7 N	5/10 E	6/15 E	11/23 E	10/22 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/20	21/22	22/23	23/23	22/21	19/17	17/15
300	20/21	22/24	26/27	25/27	24/26	21/21	19/18
Valley	19/20	23/25	27/29	26/28	25/26	22/21	20/19
Freezing Level*	3400m	3400m	3400m	3500m	3500m	3500m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be high, therefore extra care will be needed if spending any length of time on the peaks in the strong sunshine. Lightning will be an additional hazard in thunderstorms. Winds could locally gust to 30mph in and around thunderstorms. A Met office yellow thunderstorm warning is in force throughout the day and on subsequent days. See https://www.metoffice.gov.uk/weather/warnings-and-advice/uk-warnings for details

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 12 Aug 2020	15.2mm	15.2mm	15.2mm

Forecast for Thursday 13 Aug 2020

Weather: Overnight cloud will soon clear during the morning allowing another fine, sunny day for many. Once again cloud will build during the afternoon with the ongoing risk of an isolated heavy or thundery shower. Much less hot than of late.

Maximum wind: NE 10-15mph

Chance of cloud free mountain/hill tops above 600m: 40% improving to 100% by mid-morning. 40% in any showers.

Visibility: Mostly good or very good. Poor in early cloud and moderate in any thundery showers.

Temperature: **Valleys:** Plus 15 becoming 22 Celsius
At 600m: Plus14-18 Celsius
Freezing level: Above summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved